Fig. 1 FATIGUE SAFETY FACTOR TESTING APPARATUS CPU CONVERSION FUNCTION 10-**GENERATING SECTION MEMORY** 11-MODEL GENERATING **SECTION** 12-CONDITION SETTING **SECTION** 13-FEM CALCULATING SECTION DISPLAY SECTION 14-NORMALIZED STRESS CALCULATING SECTION 15-FATIGUE SAFETY FACTOR CALCULATING SECTION INPUT SECTION STORAGE SECTION 17-STRESS DATA TABLE 18-FUNCTION TABLE

Fig. 2A

Fig. 2B

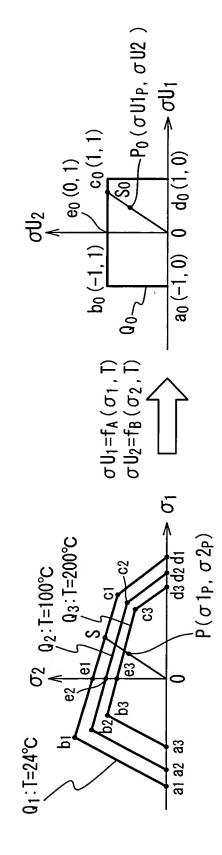


Fig. 3

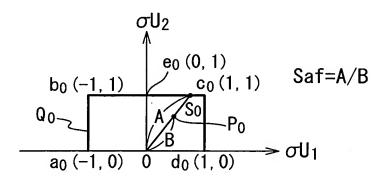


Fig. 4

17-1
17-2
17-3
17-4

MATERIAL TEMPERATURE MEAN STRESS

AMPLITUDE STRESS

Fig. 5

18-1
18-2
18-3

MATERIAL CONVERSION FUNCTION B

Fig. 6

